DWOLLA HUB Payment Module for OpenCart

Version: 2.0 (English)
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Tested on: OpenCart 1.5.3.1

Author: Jammes Luckett
Author URL: http://www.jammesluckett.com
Based upon: Check/Money Order Module, by OpenCart

This module was released for free, to the OpenCart Community. If you find it helpful and wish to make a donation, you may do so via:
- my Website (above)
- my Amazon Wish List (name: Jammes Luckett, Austin / Los Angeles)
- my Dwolla Hub: https://www.dwolla.com/hub/jammesluckett

I'm not a programmer by trade, so I cannot offer ongoing support for this module.   I believe, with this included help file, you'll find it easy to use and will likely be able to modify it, if needed, to keep up with future OpenCart releases.

This extension is released under the same license as OpenCart itself. I kindly request that any derivative versions of the module be released in the same spirit, with respect to the open source developers of OpenCart.

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ABOUT THIS MODULE:

The Dwolla Hub Payment Module enables you to accept payments processed by Dwolla, which offers low rates. It is based upon the standard Check/Money Order module which comes with OpenCart, and works similarly. Make minimal changes to the language file (if desired), install, configure, and you're done.

These are new files - they do not overwrite anything in your existing installation, require no changes to the core code, and will not be overwritten upon upgrade of your OpenCart installation.

This module works more like an 'offline" payment module, again, as with a check or money order - it does not take the customer to Dwolla to pay, and return them to your cart. It will be up to the customer to complete payment and will be up to the store owner to manually process the order upon receipt of payment. The customer can pay after receiving the emailed invoice, or while on the checkout page, via a link which opens to your Dwolla Hub.

This version has only been coded in the English language. If you wish to translate for a different language, see the instructions for the Language file, and be sure to save the document in the appropriate language folder.

UPGRADING:

This only applies if you previously installed an earlier version of this extension, otherwise, you may proceed to the Installation section.   In most cases, you will either want to look at the Changelog, below to see what files have been changed and compare them to your current installation, to make sure you won't overwrite any previous custom changes you have made.

Unless otherwise noted, usually the language files are all that you will have to change. After you're sure you've made any custom changes you need, you can proceed to re-upload all changed and new files, following the tips in the Installation section, below.

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INSTALLATION:

Unzip the module zip file. You will see two folders: admin and catalog. The contents of these folders represent the file structure of your OpenCart installation, and the file paths the files should be uploaded to. The "dwollahub" files will need to be saved to your OC installation, within the corresponding files on your server. But first, you'll need to make a couple of changes to the language file, using a text editor. These changes will allow you to customize the text which your customers will see, if so desired.

Two changes you will need to make:
a. To the language file
a. Your template folder name (if not using the default)

1. LANGUAGE FILE (located at: DwollaModule/catalog/english/payment/dwollahub.php

text_title: The name of the module, as you would like it to display in Admin, as well as in the Shopping Cart

text_in_title: The header of the block within Checkout, which will announce the instructions for paying with this method.

text_checkout: This blurb will not be emailed to the customer. It tells the customer that the checkout button will need to be clicked, and it also informs them that the instructions and payment URL will be emailed to them, in case they don't make immediate payment.

text_address: Header for your Hub URL

text_payment: The actual instructions for completing payment using the Hub. If you desire, you could also instruct the customer to include information in the Details box, such as email address and/or order number, to help you match the payment to the order. Perhaps, you want to instruct the customer to pay within x amount of days to avoid order cancellation. Whatever you desire.

2. TEMPLATE NAME

If the theme you are using for your store is not the OpenCart default theme, you will need to rename a folder, to reflect your template name. This folder is located at:

DwollaModule/catalog/view/theme/ YOURTHEME/template/payment

Replace YOURTHEME with the correct theme folder name.

3. UPLOAD

Once you have made all of your changes, save them, and upload each of the dwollahub files to their corresponding folders on your server. Depending upon the FTP program you're using, in some cases, you can simply drag the admin and catalog folders on to the FTP window, and it will place the new files in their rightful place, without erasing existing folders. Make sure that you know with certainty that your FTP client will allow this before you do it, however.

4. CONFIGURATION

a. In your OpenCart Admin, go to Extensions -> Payments. You should see Dwolla (Secure Hub) in the list, alphabetically.
b. Click Install
c. Click Edit
d. Here, you can change the settings of this payment module, just as you would with Checks or Money Orders. Instead of Payee name, you will need to enter the full secure link to your Dwolla hub. You may also make other changes, including the minimum amount the order must reach before Dwolla can be offered as a payment method, and the default order status of any order completed with Dwolla. (i.e. Processing or Pending). It will be up to you to change the status, once payment is received.

* NOTE: Your secure Dwolla hub link needs to be full, such as, https://www.dwolla.com/hub/myaccount, because it will appear as a clickable item, in both checkout (it will open in a new window, when clicked, allowing the customer to come back to the Checkout page, to confirm) and in the customer email invoice. Please make sure that the link begins with https:// so that the customer can be certain that it's secure.

5. CONGRATULATIONS

Hooray! You're the proud owner of a Dwolla Hub payment link in your OpenCart. If you conduct a test, the payment module should show up as a checkout choice with applicable orders, as well as email the details in an invoice.

UNINSTALL:

You can disable the module, the way you would disable any other. In your Admin, go to Extensions - > Payments. Edit the module, select "Disable" and click save. Your settings will be saved, in case you want to enable it later.

If you wish to uninstall completely, click Uninstall next to the module, in the Payments modules admin table. It will not remove the files from your server. To completely remove the files from

your server, you will need to remove all of the dwollahub files from their respective paths :

opencart/admin/controller/payment/dwollahub.php
opencart/admin/language/english/payment/dwollahub.php
opencart/admin/view/image/payment/dwollahub.png
opencart/admin/view/template/payment/dwollahub.tpl
opencart/catalog/controller/payment/dwollahub.php
opencart/catalog/language/english/payment/dwollahub.php
opencart/admin/view/image/payment/dwollahub.png
opencart/admin/view/theme/default/YOURTHEME/template/payment/dwollahub.tpl

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CHANGELOG

JULY 2, 2012 - Version 2.0 (major)

In this release, most files have been changed.   I recommend a complete re-install / overwrite, if you installed version 1.0, which was first made public earlier today (July 2, 2012). It's still early enough, after the first release, that if you haven't made many changes, it won't be difficult to just change the custom text in your language file.

   a. Secure Payment URL can now be (more conveniently) added via the Dwolla Hub
       Payment module editor in the Admin, instead of the language file.
   b. Dwolla Image has now been added to the Payment modules table.
   c. Fixed an error in the path previously given to the template file. The previous release had
       the file saved at:
       opencart/admin/view/theme/default/YOURTHEME/template/payment/dwollahub.tpl

       It is now correct:
       opencart/admin/view/theme/YOURTHEME/template/payment/dwollahub.tpl

New Files:
opencart/admin/view/image/payment/dwollahub.png

JUNE 30, 2012 - Original Release, made public on the morning of July 2, 2012